

Sub B3
b) a second polymer comprising [repeat units derived from at least one] C₄-C₈ conjugated diene units [monomer having from 4 to 8 carbon atoms, or] and optionally at least one C₈-C₂₀ vinyl aromatic monomer, and further including at least one nitrogen containing terminal group [having 8 to 20 carbon atoms, or combinations thereof, said second polymer being a reaction product of anionically polymerizing said monomer or monomers, and

said second polymer having at least one nitrogen containing terminal group being derived from the reaction of an imine with an anionic terminal repeat unit from polymerizing said second polymer].

2. (Amended) A reaction product according to claim 1, wherein said [at least one] carboxylic acid [group] or said [at least one] anhydride[, or combinations thereof,] comprises succinic acid or succinic anhydride.

a1
cmt
3. (Amended) A reaction product according to claim [2] 1, wherein said first polymer is a thermoplastic polymer.

4. (Amended) A reaction product according to claim 2, wherein said first polymer is a poly(olefin) [having] comprised of at least 80 weight percent [of the repeat units derived from the polymerization of one or more alpha-mono-olefin monomers having from 2 to 6 carbon atoms] C₂-C₆ α-olefin.

5. (Amended) A reaction product according to claim 4, wherein [at least 80 weight percent of the repeat units of said first polymer are derived from the polymerization of] said α-olefin comprises ethylene.

Sub B3
6. (Amended) A reaction product according to claim 4, wherein [at least 80 weight percent of the repeat units of said first polymer are derived from the polymerization of] said α-olefin comprises propylene.

sub B2

7. (Amended) A reaction product according to claim 1, wherein [at least 40 weight percent of] said second polymer [is derived from the polymerization of at least one conjugated diene monomer having from 4 to 8 carbon atoms] comprises polybutadiene.

8. (Amended) A reaction product according to claim [4] 1, wherein at least 40 weight percent of said second polymer is [derived from the polymerization of at least one conjugated diene monomer having from 4 to 8 carbon atoms] comprised of conjugated diene units.

9. (Amended) A reaction product according to claim [6] 1, wherein said polybutadiene comprises at least 40 weight percent of said second polymer [is derived from the polymerization of at least one conjugated diene monomer having from 4 to 8 carbon atoms].

all
cm

10. (Amended) A reaction product according to claim 1, wherein at least 80 weight percent of the first polymer is derived from the polymerization of propylene and/or ethylene, and said at least one carboxylic acid group or said at least one anhydride of said first polymer is derived from maleic acid or maleic anhydride, and

at least 50 weight percent of said second polymer is [derived from the polymerization of at least one conjugated diene monomer having from 4 to 8 carbon atoms] comprised of said C₄-C₈ conjugated diene units.

11. (Amended) A reaction product according to claim 1, wherein said first polymer is an EPDM polymer [or a polymer having at least 40 weight percent repeat units derived from at least one conjugated diene having from 4 to 8 carbon atoms].

12. (Amended) A reaction product according to claim 11, wherein said second polymer is [a polymer having at least 40 weight percent